



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/737,294	12/13/2000	Rodric C. Fan	M-9824 US	1759
32605 7590 12/17/2007 MACPHERSON KWOK CHEN & HEID LLP 2033 GATEWAY PLACE SUITE 400 SAN JOSE, CA 95110			EXAMINER MEHRPOUR, NAGHMEH	
			ART UNIT 2617	PAPER NUMBER
			MAIL DATE 12/17/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/737,294

Applicant(s)

FAN ET AL.

Examiner

Naghmeh Mehrpour

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 and 33-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31, 33-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. **Claims 1-4, 8-17, 20-22, 24-31, 33-38** are rejected under 35 U.S.C. 102(b) as being anticipated by Bruce et al. (US Publication 2005/0018822 A1).

Regarding **claim 1**, Bruce teaches a method for determining the location of a mobile unit using a telephone number of a wireline telephone in the vicinity of said mobile unit (see figure 1, 0019-0021) comprising:

receiving **a telephone** number of a wireline telephone server 1 said telephone number transmitted from said mobile unit 11 using wireless communication (radio frequency) through a data network, **the wireline telephone being located in a vicinity of the mobile unit and the telephone number being wirelessly transmitted to the data network by the mobile unit** (PSTN) (0021);

retrieving an address associated with said telephone number in said server (0022); and

retrieving a location of said mobile unit 11 based on said address (0022).

Regarding **claim 2**, Bruce teaches a method of locating a mobile unit (col 6 lines 60-67, col 7 lines 1-8) wherein the system **transmitting** said location determined using said address to said mobile unit via wireless communication through said data network (see figure 1, col 7 lines 40-45).

Regarding **claim 3**, Bruce teaches teach a method further comprising:

obtaining at said server location-relevant information using said location.

However Bruce teaches a method further comprising:

obtaining at said server location-relevant information using said location (0022).

Regarding **claim 4**, Bruce teaches a method further comprising: returning said location-relevant information to said mobile unit via wireless communication through said data network (0022).

Regarding **claim 8**, Bruce teaches a method wherein said data network comprises: **receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:**

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, wherein said data network is a publicly shared network (0032-0042).

Regarding **claim 9**, Bruce teaches teach a method wherein (see figure 1, numeral 26);

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a wireless link and a gateway coupled with said data network (col 2 lines 57-63).

Regarding **claim 10**, Bruce teaches a method wherein:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit,

and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a cellular telephone network (0043-0050) .

Regarding **claim 11**, Bruce inherently teaches a method wherein said wireless communication comprises communication via a cellular telephone modem (0022); and **receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit; and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:**

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a cellular telephone modem (0051-0071). The system connected to the cellular network, therefore, it should have cellular modem

Regarding **claim 12**, Bruce teaches a method wherein said wireline telephone is a pay phone (0024); **and**

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being a pay phone located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit (0072-0083). The system connected to the cellular network, therefore, it should have cellular modem.

Regarding **claim 18**, Bruce teaches a method for providing location-relevant information over a data network to a mobile unit (0025), comprising:

receiving at said server a first telephone number associated with a first wireline telephone, said first telephone number being transmitted from said mobile unit using wireless communication through said data network (0044);

retrieving a first address associated with said first telephone number in said server (0044); and

retrieving a first location based on said first address (0044).

Regarding **claim 19**, Bruce teaches a method wherein said first wireline telephone is near the vicinity of said mobile unit (0044).

Regarding **claim 26**, Bruce teaches a method further comprising:

receiving at said server a second telephone number of a second wireline telephone in the vicinity of said mobile unit, said second telephone number being transmitted from said mobile unit using wireless communication through a data network (0044);

retrieving a second address associated with said second telephone number in said server (0044-0045); and

retrieving a second location of said mobile unit based on said second address (0044-0045).

Regarding **claim 13**, Bruce teaches a method wherein said location-relevant information utilizing said location to obtain said location-relevant information associated with said location further comprises:

utilizing said location to obtain said location-relevant information associated with said location, said location-relevant information comprising an address associated with a local point of interest (00888-0089).

Regarding **claim 14**, Bruce teaches a method wherein said retrieving said address associated with said telephone number in said server comprises:

querying a first database containing information for mapping said telephone number to said address (00087-0089).

Regarding **claim 15**, Bruce teaches a method wherein said retrieving a location of said mobile unit based on said address comprises:

querying a second database containing mapping information for mapping said address to said location (0087-0089).

Regarding **claim 16**, Bruce teaches a method wherein said location comprises a position coordinate comprising longitude and latitude information (0028).

Regarding **claim 17**, Bruce teaches a method wherein said mapping information for mapping said address to said location is obtained using Geo-Coding (0028).

Regarding **claim 20**, Bruce teaches a method wherein

receiving said first telephone number through said data network, said first telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, further comprises:

receiving said first telephone number through said data network, said first telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, wherein said first wireline telephone is located at a destination of interest (0033, 0034, 0035).

Regarding **claim 21**, Bruce teaches a method of locating a mobile unit (col 6 lines 60-67, col 7 lines 1-8) wherein the system returning said location determined using said address to said mobile unit via wireless communication through said data network (0035-0042).

Regarding **claim 22**, Bruce teaches a method further comprising:

- obtaining at said server location-relevant information using said location (0028);
- returning said location-relevant information to said mobile unit via wireless communication through said data network (0035-0042).

Regarding **claim 24**, Bruce teaches a method wherein said location comprises a position coordinate comprising longitude and latitude information (0028).

Regarding **claim 25**, Bruce teaches a method wherein said mapping information for mapping said address to said location is obtained using Geo-Coding (0028).

Regarding **claim 27**, Bruce teaches returning said location-relevant information to said mobile unit via wireless communication through said data network (0028) wherein the system returning said location determined using said address to said mobile unit via wireless communication through said data network (0028-0035).

Regarding **claim 28**, Bruce teaches a method wherein said location-relevant information comprises driving direction from said second location to said first location (0029).

Regarding **claims 29, 33**, Bruce teaches a method wherein said location comprises a **position coordinate comprising longitude and latitude information retrieving said second location of said mobile unit based on said second address further comprises:**

retrieving said second location of said mobile unit based on said second address, wherein said first location and said second location each comprise a position coordinate comprising longitude and latitude information (0028-0029).

Regarding **claims 30, 34**, Bruce teaches a method wherein said mapping information for mapping said address to said first and the second locations, respectively, using Geo-Coding (0028).

Regarding **claim 31**, Bruce teaches a location-relevant service system comprising:

wireline telephone number to an address and a second set of information for mapping said an-address to a location, said server receiving a first telephone number through said data network, said first telephone number being associated

with a first wireline telephone that is located in a vicinity of said mobile unit, and said server determining a first location based on said first telephone number, wherein said first location is indicative of a location of said mobile unit location (0028-0029, 00334, 0035).

Regarding **claims 35-37**, Bruce teaches a location-relevant service system wherein said server provides location-relevant information based on said first location and said second location to said mobile unit (0028, 0029).

Regarding **claim 38**, Bruce teaches a method wherein said location-relevant information comprises driving direction from said second location to said first location (0029).

2. **Claims 6-7**, are rejected under 35 U.S.C. 103(a) as being unpatentable over Bruce et al. (US Publication 2005/0018822 A1) in view of Kung et al. (US Patent Number 6,680,935 B1).

Regarding **claims 6-7**, Bruce fails to teach a method further comprising:

providing said location determined using said telephone number to an emergency service providing assistance to said mobile unit. However Kung teaches a method further comprising:

providing said location determined using said telephone number to an emergency service providing assistance to said mobile unit (col 12 lines 24-45).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Kung with Morse, in order to provide improved system by allowing user to request complete review of their dynamic data upon contacting their own home page.

3. **Claims 5, 23**, are rejected under 35 U.S.C. 103(a) as being unpatentable over Bruce et al. (US Publication 2005/0018822 A1) and in further view of Obradovich (US Patent Number 2002/0045456 A1).

Regarding **claim 5**, Bruce fails to teach a method wherein said obtaining at said server said location-relevant information using said address comprises:

querying a second server for said location-relevant information based on said location; and

transmitting said location-relevant information from said second server to said server via said data network. However Obradovich teaches a method wherein said obtaining at said server said location-relevant information using said address comprises:

querying a second server for said location-relevant information based on said location (page 2 section 0026); and

transmitting said location-relevant information from said second server to said server via said data network (see figure 1, page 2 section 0026, page 3 section 0033). Obradovich teaches GPS server and application server, in FIG. 3 includes a subscriber server and a GPS server. The subscriber server and GPS server are in communication with various web servers over the Internet, as well as with mobile devices. As illustrated, the mobile devices include a cell phone, a PCD, and an automobile phone. Together, the subscriber server, GPS server, and the mobile devices comprise a mobile service system. The PCD and the automobile telephone system are both coupled to user-specific storage areas which provide additional information (page 3 section 0037). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Obradovich with Bruce, in order to provide improved system by allowing user to request complete review of their dynamic data upon contacting their own home page.

Regarding **claim 23**, Bruce fails to teach a method wherein said obtaining at said server location-relevant information using said first location comprises:

querying a second server for said location relevant information based on said first location; and

transmitting said location-relevant information form said second server to said server via said data network. However Obradovich teaches a method wherein said obtaining at said server said location-relevant information using said address comprises:

querying a second server for said location-relevant information based on said first location (page 2 section 0026); and

transmitting said location-relevant information from said second server to said server via said data network (page 2 section 0026). Obradovich teaches GPS server and application server, in FIG. 3 includes a subscriber server and a GPS server. The subscriber server and GPS server are in communication with various web servers over the Internet, as well as with mobile devices. As illustrated, the mobile devices include a cell phone, a PCD, and an automobile phone. Together, the subscriber server, GPS server, and the mobile devices comprise a mobile service system. The PCD and the automobile telephone system are both coupled to user-specific storage areas which provide additional information (page 3 section 0037). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Obradovich with Bruce, in order to provide improved system by allowing user to request complete review of their dynamic data upon contacting their own home page.

Response to Arguments

4. Applicant's arguments filed 11/28/07 have been fully considered but they are not persuasive.

In response to the applicant's argument that *Bruce fails tot each the claimed features*.

The Examiner asserts that Bruce teaches a method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location. To obtain information assistance, the caller places a

telephone call to access the system. If the geographical location of the caller can be determined by an automatic location identification system it is displayed on an operator console where the caller's request is transferred to be handled by a live operator.

The operator receives the caller's destination request and queries the system for the street route driving instructions to the requested destination. After obtaining the street route driving instructions, the call can be transferred to an audio box having an interactive user interface capable of replaying the desired information to the caller. In an illustrative embodiment, the interactive user interface is capable providing functions to stop, start, pause, and replay the information to the caller.

Bruce fails to teach a method further comprising: providing said location determined using said telephone number to an emergency service providing assistance to said mobile unit. However Kung teaches a method further comprising: providing said location determined using said telephone number to an emergency service providing assistance to said mobile unit (col 12 lines 24-45). Therefore, by combining the above teaching of Kung with Morse, providing improved system by allowing user to request complete review of their dynamic data upon contacting their own home page.

Bruce fails to teach a method wherein querying a second server for said location-relevant information based on said location; and transmitting said location-relevant information from said second server to said server via said data network. However Obradovich teaches a method wherein said obtaining at said server said location-relevant information using said address comprises: querying a second server for said location-relevant information based on said location (page 2 section 0026); and

transmitting said location-relevant information from said second server to said server via said data network (see figure 1, page 2 section 0026, page 3 section 0033). Obradovich teaches GPS server and application server, in FIG. 3 includes a subscriber server and a GPS server. The subscriber server and GPS server are in communication with various web servers over the Internet, as well as with mobile devices. As illustrated, the mobile devices include a cell phone, a PCD, and an automobile phone. Together, the subscriber server, GPS server, and the mobile devices comprise a mobile service system. The PCD and the automobile telephone system are both coupled to user-specific storage areas which provide additional information (page 3 section 0037). Therefore, by combining the above teaching of Obradovich with Bruce, in order to provide improved system by allowing user to request complete review of their dynamic data upon contacting their own home page.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any responses to this action should be mailed to:

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 571-272-7913. The examiner can normally be reached on 8:00- 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NM

August 16, 2007



NAGHMEH MEHRPOUR
PRIMARY EXAMINER